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BULLETIN
OF THE
TORREY BOTANICAL CLUB.

Vol. VII.] New York, November, 1880. [No. 11

§ 89. **Proceedings of the Torrey Club.**—The regular meeting of the Club was held at the Herbarium, Columbia College, Tuesday evening, October 12th, the Vice-President in the chair. There were sixteen members and four visitors present.

Plants Exhibited.—Mr. Britton exhibited a section of the trunk of the cork oak, *Quercus Suber*, L., brought by Mr. I. C. Russell from Morocco, and a pod of *Cassia fistula*, L., from Cuba, where the plant has been introduced from the East Indies. Mr. Brown showed a number of adventive plants gathered on the ballast grounds at Communipaw. Among these was *Richardsonia scabra*, St. Hil., (the Mexican clover), *Waltheria Americana*, L., and *Malvastrum tricuspidatum*, Gray.

Teratology.—Mr. Leggett exhibited a specimen of *Fraxinus Americana*, from Albany, in a hypertrophied condition—the terminal pedicels being swollen and distorted and the flowers entirely wanting. Miss Knight reported the detection by her of the white-flowered variety of *Campanula rotundifolia*, L., at Mount Desert Island, during the summer.

Field Meetings.—The complete report of the Committee on field meetings for the year was read and accepted. From this, the following notes are selected as worthy of record: At the meeting of June 12th, in the low grounds and woods at the base of the first Newark Mountain, *Phlox pilosa*, L., *Aristolochia Serpentina*, L., *Euonymus Americanus*, L. (typical form), *Habenaria virescens*, Spreng., were found. On June 26th, at Little Ferry, N. J., *Aletris farinosa*, L., and a considerable quantity of a double-flowered form of *Ranunculus repens*, L., were collected. At Ridgewood, L. I., July 1st, some of the more noteworthy plants collected were *Elatine Americana*, Arnott, *Monarda fistulosa*, L., *Eriocaulon decangulare*, L., *Glyceria obtusa*, Trin., (new to Long Island), and a species of *Isoetes*. August 7th, White Plains was visited and found to be a new station for *Lechea Novae-Caesareae*, Aust., *Heliopsis laevis*, Pers., *Chamaelirium luteum*, Gray, and *Aspidium Goldianum*, Hook. On Aug. 14th, an excursion was made to Fort Lee, N. J., an old station for *Pogonia pendula*, Lindl. The plant was again detected, and in considerable quantity—both the white and purple-flowered varieties being represented. The stems of some of the plants bore as many as six flowers. On September 11th, the Club visited Huguenot, Staten Island. *Minulus alatus*, Ait., (new to the Island), was found here, as was also the fungus, *Boletus albo-ater*, Schw., which, according to local catalogues, does not appear to have been hitherto detected since the time of Schweinitz. At this locality the members had an opportunity of observing the behavior of humble-bees in gathering nectar from *Gerardia pedicularia*, L. In no case did the insects enter

the door that was wide open to them but invariably perforated the base of the corolla (Cf. Bailey, BULLETIN, ii, p. 39). At Tenaflly, N. J., Sept. 25th, *Gentiana crinita*, Froel., was found in profusion, and a single specimen of the curious fungus, *Mitremyces*, was detected. October 2nd an excursion was made to Tottenville, S. I., a locality possessing a flora similar to that of the pine barrens of New Jersey. *Opuntia Rafinesquii*, Englm., and *O. vulgaris*, Mill., were both found here, growing in the sand. It was observed that nearly all the *Pteris aquilina*, L., growing in this sandy tract had caudate pinnules, as in the variety *caudata*, Hook., of that fern. Prof. Eaton, however, to whom specimens were submitted, says he cannot regard the form as the genuine *caudata*, inasmuch as the pinnules are not nearly narrow enough. October 9th, at Woodlawn, the only plant found worthy of record was *Aster multiflorus*, Ait.

Leontodon autumnale, L.—Mr. J. D. Hyatt, in some remarks on this plant, stated that he had been much struck by its abundance in the cities and villages of the Eastern States—particularly at Boston and Newport, where it seems to be as common as is the dandelion (*Taraxacum*) with us.

Notes on the Local Flora.—Mr. Brown remarked that, under the guidance of Mr. Bower, the spot where *Cheilanthes vestita*, Swartz, was some years ago found by Mr. Denslow, was visited in August, and this fern, so rare in the State, was detected still flourishing in a little patch of about two feet square. Near it were found in abundance, *Commelina Virginica*, L., *Stylosanthes elatior*, Swartz, and *Opuntia vulgaris*, Mill. Mr. Brown further stated that on the western border of "Train's Meadow," near Woodside, L. I., *Gentiana crinita*, Froel., *Parnassia Caroliniana*, Mich., *Spiranthes graminea*, Lindl., var., *Walteri*, Gray, and *Sorghum nutans*, Gray, are to be found in abundance. Mr. Bicknell reported the following new stations: *Prunus Pennsylvanica*, L., and *Viola pedata*, L., var., *bicolor*, Gray, below Inwood; *Sagina procumbens*, L. and *Sparganium eurycarpum* Englm., in vicinity of Williams' Bridge; *Sabbatia chloroides*, Pursh., less than a mile north of King's Bridge; *Asclepias obtusifolia*, Michx., along Harlem River above Morris' dock; *Scirpus polyphyllus*, Vahl., by Tibbit's Brook, at city limits; *Oryzopsis melanocarpa*, Muhl., rocky woods, city limits, with *Brachyelytrum aristatum*, Beauv.; *Glyceria elongata*, Trin., Tibbit's Brook, city limits; and *Andropogon Virginicus*, L., wet meadow at tide water, about a mile north of King's Bridge.

§ 90. **Notes on the New Jersey Flora.**—During August, in the vicinity of Long Branch, the following plants were observed, at stations not, I believe, previously reported in the BULLETIN:

At Neversink Highlands, *Monarda punctata*, L., *Eupatorium album*, L., and *Quercus Prinus*, L., var. *monticola*, Michx.; the latter abundant, with acorns 15" long and with cups perfectly conical (6" long and broad), which Gray's Manual speaks of as not having been seen by the author in full grown specimens.

At Seabright, *Helianthus angustifolius*, L., *Habenaria tridentata*, Hook., *Botrychium ternatum*, Swartz, var. *obliquum*, Milde.

At Monmouth Beach Centre, *Tripsacum dactyloides* L., and *Aster multiflorus*, Ait.